



PERMIT NUMBER:
LA0007765
AI 52463

OFFICE OF ENVIRONMENTAL SERVICES

Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit modification is issued authorizing

Entergy Louisiana, L.L.C.
Monroe Plant
Post Office Box 61000, Mail Unit L-ENT-5E
New Orleans, Louisiana 70161

Type Facility: Steam Electric Generating Station

Location: 800 Park Avenue, Monroe
Ouachita Parish

Receiving Waters: Ouachita River

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II and III (as applicable) attached hereto.

This permit and the authorization to discharge were effective on July 1, 2003 and shall expire five (5) years from the original effective date of the permit.

This permit has not been previously modified.

This modification shall become effective on _____

Issued on _____

DRAFT

Chuck Carr Brown, Ph.D.
Assistant Secretary

PART I

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

During the period beginning upon exceedance of benchmark concentrations in accordance with the requirements specified by Part II, Paragraph P.6 and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 006, the intermittent discharge of low contamination potential stormwater runoff from portions of the Monroe Plant electrical switchyard.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	STORET Code	Discharge Limitations				Monitoring Requirements	
		(lbs/day, UNLESS STATED)		(mg/L, UNLESS STATED)		Measurement Frequency(*1)	Sample Type
		Monthly Average	Daily Maximum	Monthly Average	Daily Maximum		
Flow-MGD	50050	Report	Report	---	---	1/quarter	Estimate
TOC	00680	---	---	---	50	1/quarter	Grab
Oil and Grease	03582	---	---	---	15	1/quarter	Grab
pH Minimum/Maximum Values (Standard Units)	00400	---	---	6.0(*2) (Min)	9.0(*2) (Max)	1/quarter	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 006, at the point of discharge from the catch basin prior to entering the city drainage system on the south side of Park Avenue and north of Outfall 004 thence to the Ouachita River.

FOOTNOTE(S):

(*1) When discharging.

(*2) The permittee shall report on the Discharge Monitoring Report both the minimum and maximum instantaneous pH values measured.

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

During the period beginning upon exceedance of benchmark concentrations in accordance with the requirements specified by Part II, Paragraph P.6 and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 007, the intermittent discharge of low contamination potential stormwater runoff from portions of the Monroe Plant located on the north side of Park Avenue.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	STORET Code	Discharge Limitations				Monitoring Requirements	
		(lbs/day, UNLESS STATED)		Other Units (mg/L, UNLESS STATED)		Measurement Frequency(*1)	Sample Type
		Monthly Average	Daily Maximum	Monthly Average	Daily Maximum		
Flow-MGD	50050	Report	Report	---	---	1/quarter	Estimate
TOC	00680	---	---	---	50	1/quarter	Grab
Oil and Grease	03582	---	---	---	15	1/quarter	Grab
pH Minimum/Maximum Values (Standard Units)	00400	---	---	6.0(*2) (Min)	9.0(*2) (Max)	1/quarter	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 007, at the point of discharge from the catch basin prior to entering the city drainage system on the north side of Park Avenue thence to the Ouachita River.

FOOTNOTE(S):

(*1) When discharging.

(*2) The permittee shall report on the Discharge Monitoring Report both the minimum and maximum instantaneous pH values measured.

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

During the period beginning upon exceedance of benchmark concentrations in accordance with the requirements specified by Part II, Paragraph P.6 and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 008, the intermittent discharge of low contamination potential stormwater runoff from industrial and non-industrial portions of a warehouse storage area, and the south side of the empty fuel oil storage tank.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	STORET Code	Discharge Limitations				Monitoring Requirements	
		(lbs/day, UNLESS STATED)		Other Units (mg/L, UNLESS STATED)		Measurement Frequency(*1)	Sample Type
		Monthly Average	Daily Maximum	Monthly Average	Daily Maximum		
Flow-MGD	50050	Report	Report	---	---	1/quarter	Estimate
TOC	00680	---	---	---	50	1/quarter	Grab
Oil and Grease	03582	---	---	---	15	1/quarter	Grab
pH Minimum/Maximum Values (Standard Units)	00400	---	---	6.0(*2) (Min)	9.0(*2) (Max)	1/quarter	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 008, at the point of discharge from the catch basin prior to entering the city drainage system on the south side of Park Avenue thence to the Ouachita River.

FOOTNOTE(S):

(*1) When discharging.

(*2) The permittee shall report on the Discharge Monitoring Report both the minimum and maximum instantaneous pH values measured.

Part II

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OTHER REQUIREMENTS (continued)

6. Facility Specific SWP3 Conditions:

The permittee must conduct benchmark monitoring for all stormwater outfalls that are covered exclusively under the SWP3 (i.e. stormwater outfalls not effective in Part I of this LPDES permit), in accordance with the following requirements:

Parameter	Benchmark Monitoring Cutoff Concentration	Frequency
Total Recoverable Iron	1.0 mg/l	1/year
TOC	50.0 mg/l	1/year
Oil & Grease	15.0 mg/l	1/year
pH	6.0 (min) - 9.0 (max) s.u.	1/year

The effluent results shall be kept on site during the life of the permit as an attachment to the SWP3, and shall be submitted to LDEQ upon submittal of an LPDES renewal application.

If a benchmark sample exceeds the specified concentrations indicated above, the permittee shall do the following:

- a. The permittee shall review and update (as necessary) its SWPPP within the first three (3) months after the benchmark sampling event where the exceedance(s) was/were noted.
- b. The permittee shall re-sample the specific outfall from which the exceedance(s) occurred within three (3) months of the SWPPP review/update. If the re-sample does not exceed any of the benchmark concentrations, the permittee will proceed to item c below. However, if the re-sample does exceed any of the benchmark limits, the outfall requirements specified in Part I of the permit, with the associated limits and other requirements, will become effective starting at the first monitoring period (as specified by Part II, Paragraph Q) after the exceedance(s), and shall be enforceable until renewal of the permit. Written notification shall be submitted to the Office of Environmental Compliance and the Office of Environmental Services when Part I becomes effective for each outfall.
- c. If the re-sampling event taken at three (3) months from the SWPPP update (addressed in Item b above) does not exceed the benchmark concentrations, the facility will re-sample again within three (3) months of the first re-sampling event. If this second re-sample does not exceed any of the benchmark concentrations, the outfall will remain in the SWPPP only and will resume the annual benchmark sampling schedule. However, if the second re-sample does exceed any of the benchmark concentrations, the outfall requirements specified in Part I of the permit, with the associated limits and other requirements, will become effective starting at the first monitoring period (as specified by Part II, Paragraph Q) after the exceedance(s), and shall be enforceable

Part II

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OTHER REQUIREMENTS (continued)

until renewal of the permit. Written notification shall be submitted to the Office of Environmental Compliance and the Office of Environmental Services when Part I becomes effective for each outfall.

- d. If any benchmark sample analytical data is not valid due to analytical errors, the benchmark sampling event must be rerun at the first available storm event after the discovery of the analytical error in order to obtain a valid sample result.

Q. DISCHARGE MONITORING REPORTS

Monitoring results must be reported on a Discharge Monitoring Report (DMR) form (EPA No. 3320-1 or an approved substitute). All monitoring reports must be retained for a period of at least three (3) years from the date of the sample measurement. The permittee shall make available to this Department, upon request, copies of all monitoring data required by this permit.

If there is a no discharge event at any of the monitored outfalls(s) during the reporting period, enter "No Discharge" in the upper right corner of the Discharge Monitoring Report.

Discharge Monitoring Report (DMR) forms shall be prepared and submitted for each outfall per the instructions and submission schedule below:

1. For sampling frequencies less than or equal to once per month, one DMR form per month (summarize monitoring results monthly) must be prepared and submitted quarterly.
2. For quarterly or once per 3 months sampling frequencies, one DMR form per quarter must be prepared and submitted quarterly.
3. For semi-annual or once per 6 months monitoring frequencies, one DMR form per six month period must be prepared and submitted semi-annually.
4. For annual or once per year monitoring frequencies, one DMR form per year must be submitted annually.

Quarterly Submission Schedule

<u>Monitoring Period</u>	<u>DMR Due Date</u>
January, February, March	April 28 th
April, May, June	July 28 th
July, August, September	October 28 th
October, November, December	January 28 th

(continued on Part II, Page 12 of 23 from the original LPDES permit)